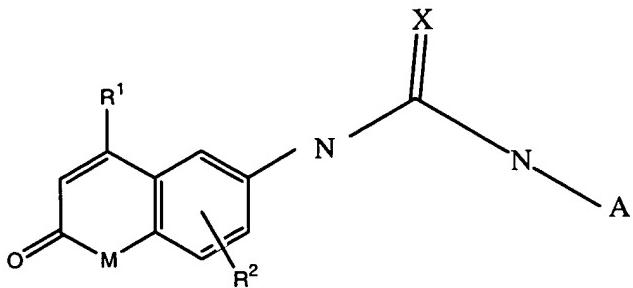


CLAIMS

What is claimed is:

1. A compound of the formula:

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in which;

- a. M is NZ or O;
- b. Z is represented by H or C<sub>1</sub>-C<sub>4</sub> alkyl;
- c. R<sup>1</sup> is represented by hydrogen, (C<sub>1</sub>-C<sub>2</sub>)alkyl, optionally substituted with one or more halogens, or (C<sub>1</sub>-C<sub>2</sub>)alkoxy, optionally substituted with one or more halogens;
- d. R<sup>2</sup> is absent, or may represent up to 2 substituents selected from the group consisting of halogen, nitrile, hydroxy, (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>2</sub>-C<sub>4</sub>)alkenyl, (C<sub>2</sub>-C<sub>4</sub>)alkynyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>2</sub>)alkyl substituted with one or more halogens, (C<sub>1</sub>-C<sub>2</sub>)alkoxy substituted with one or more halogens, SR<sup>4</sup>, and NR<sup>4</sup>R<sup>5</sup>;
- e. X is represented by O or S;
- f. A is represented by hydrogen, (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>2</sub>-C<sub>8</sub>)alkenyl, (C<sub>2</sub>-C<sub>8</sub>)alkynyl, -[CH<sub>2</sub>]<sub>m</sub>C(O)OR<sup>4</sup>, -[CH<sub>2</sub>]<sub>m</sub>C(O)R<sup>4</sup>, -[CH<sub>2</sub>]<sub>m</sub>C(O)NR<sup>4</sup>R<sup>5</sup>, -[CH<sub>2</sub>]<sub>m</sub>-D-[CH<sub>2</sub>]<sub>n</sub>-CH<sub>3</sub>, or (CH<sub>2</sub>)<sub>n</sub>-R<sup>3</sup>-R<sup>6</sup>;
- g. D is O or S;

- h. m is an integer selected from 1 to 6;
  - i. n is an integer from 0 to 6;
  - j. R<sup>3</sup> is represented by optionally substituted phenyl, optionally substituted naphthyl, C<sub>3</sub>-C<sub>8</sub> cycloalkyl, optionally substituted heteroaryl, or optionally substituted heterocyclic;
- 5           k. R<sup>4</sup> and R<sup>5</sup> are each independently represented by hydrogen, (C<sub>1</sub>-C<sub>4</sub>)alkyl, optionally substituted benzyl or optionally substituted phenyl, and;
- 10          1. R<sup>6</sup> is absent, or is represented by a substituent selected from the group consisting of optionally substituted phenyl, optionally substituted naphthyl, optionally substituted phenoxy, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, optionally substituted heterocyclic, and optionally substituted heteroaryl.
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3. The compound according to claim 2 in which Z is H.  
4. The compound according to claim 1 in which M is O.  
5. The compound according to claim 1 in which R<sup>1</sup> is -CF<sub>3</sub>.  
20          6. The compound according to claim 1 in which R<sup>2</sup> is absent.  
7. The compound according to claim 1 in which X is O.  
8. The compound according to claim 1 in which X is S.  
9. A method for inhibiting activation of the androgen receptor comprising administering an effective amount of a compound according to Claim 1 to a  
25          patient in need thereof.  
10. A method for the alleviating a condition selected from the group consisting of alopecia, acne, oily skin, prostate cancer, hirsutism, and benign prostate hyperplasia, comprising administering a compound according to Claim 1 to a patient in need thereof.  
30          11. Use of a compound according to Claim 1 as a medicine.  
12. Use of a compound according to Claim 1 in the manufacture of a medicament for inhibiting activation of the androgen receptor.

13. A pharmaceutical composition comprising a compound according to Claim 1 in admixture with 1, or more, pharmaceutically acceptable excipients.
14. A topical pharmaceutical formulation comprising a compound according to Claim 1 in admixture with 1, or more, pharmaceutically acceptable excipients  
5 suitable for dermal application.
15. An article of manufacture comprising a compound according to Claim 1 packaged for retail distribution which advises a consumer how to utilize the compound to alleviate a condition selected from the group consisting of acne, alopecia, and oily skin.

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